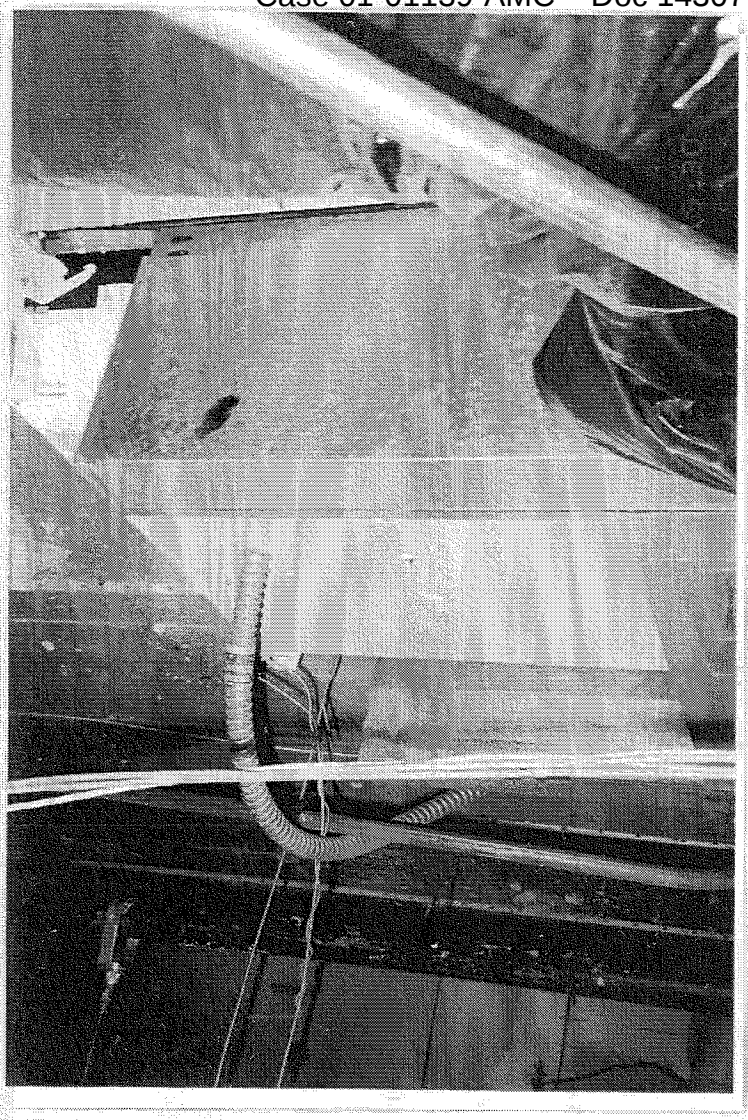

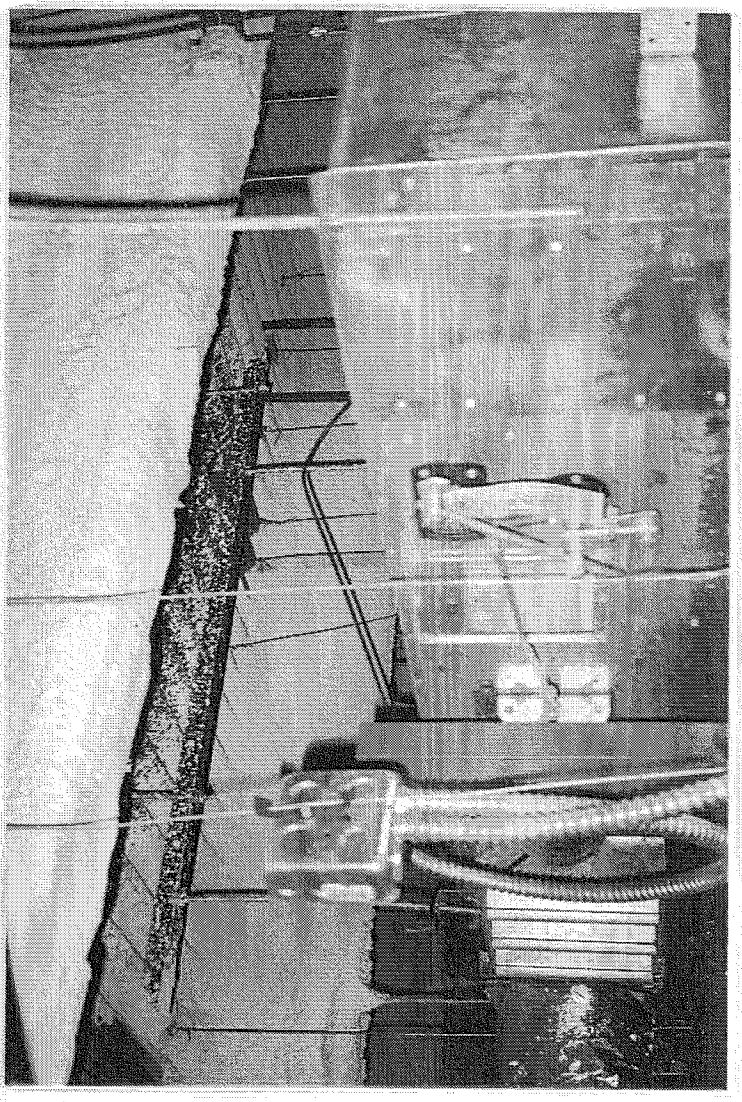

APPENDIX B

MAS, INC. LABORATORY REPORT FOR SURFACE DUST SAMPLES

SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

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SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

Page No.	Description
00222	Spectra M40762-015 Chrysotile Str #3
00223	Spectra M40762-015 Chrysotile Str #4
00224	Spectra M40762-015 Chrysotile Str #6
00225	Spectra M40762-015 Chrysotile Str #7
00226	Spectra M40762-015 Chrysotile Str #8
00227	Spectra M40762-015 Chrysotile Str #9
00228	Spectra M40762-015 Chrysotile Str #10
00229	Spectra M40762-015 Chrysotile Str #11
00230	Spectra M40762-015 Chrysotile Str #20
00231	Spectra M40762-015 Chrysotile Str #30
00232	Spectra M40762-015 Chrysotile Str #40
00233	Spectra M40762-015 Chrysotile Str #50
00234	Spectra M40762-015 Chrysotile Str #60
00235	Spectra M40762-015 Chrysotile Str #70
00236	Spectra M40762-015 Chrysotile Str #80
00237	Spectra M40762-015 Chrysotile Str #90
00238	Spectra M40762-015 Chrysotile Str #100
00239	TEM Dust Analysis M40762 016 Portland State University and Oregon State at Eugene
00240	Continuation of TEM Dust Analysis M40762 016 Portland State University and Oregon State at Eugene
00241	Continuation of TEM Dust Analysis M40762 016 Portland State University and Oregon State at Eugene
00242	Continuation of TEM Dust Analysis M40762 016 Portland State University and Oregon State at Eugene
00243	Continuation of TEM Dust Analysis M40762 016 Portland State University and Oregon State at Eugene
00244	Continuation of TEM Dust Analysis M40762 016 Portland State University and Oregon State at Eugene
00245	Spectra M40762-016 Chrysotile Str #1
00246	Spectra M40762-016 Chrysotile Str #2
00247	Spectra M40762-016 Chrysotile Str #3
00248	Spectra M40762-016 Chrysotile Str #4
00249	Spectra M40762-016 Chrysotile Str #5
00250	Spectra M40762-016 Chrysotile Str #6
00251	Spectra M40762-016 Chrysotile Str #7
00252	Spectra M40762-016 Chrysotile Str #8
00253	Spectra M40762-016 Chrysotile Str #9
00254	Spectra M40762-016 Chrysotile Str #10
00255	Spectra M40762-016 Chrysotile Str #20
00256	Spectra M40762-016 Chrysotile Str #30
00257	Spectra M40762-016 Chrysotile Str #40
00258	Spectra M40762-016 Chrysotile Str #50
00259	Spectra M40762-016 Chrysotile Str #60
00260	Spectra M40762-016 Chrysotile Str #70
00261	Spectra M40762-016 Chrysotile Str #80
00262	Spectra M40762-016 Chrysotile Str #90
00263	Spectra M40762-016 Chrysotile Str #100
00264	TEM Dust Analysis M40762 017 Portland State University and Oregon State at Eugene
00265	Continuation of TEM Dust Analysis M40762 017 Portland State University and Oregon State at Eugene
00266	Continuation of TEM Dust Analysis M40762 017 Portland State University and Oregon State at Eugene

SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

Page No.	Description
00267	Continuation of TEM Dust Analysis M40762 017 Portland State University and Oregon State at Eugene
00268	Continuation of TEM Dust Analysis M40762 017 Portland State University and Oregon State at Eugene
00269	Continuation of TEM Dust Analysis M40762 017 Portland State University and Oregon State at Eugene
00270	Continuation of TEM Dust Analysis M40762 017 Portland State University and Oregon State at Eugene
00271	Continuation of TEM Dust Analysis M40762 017 Portland State University and Oregon State at Eugene
00272	Spectra M40762-017 Chrysotile Str #1
00273	Spectra M40762-017 Chrysotile Str #2
00274	Spectra M40762-017 Chrysotile Str #3
00275	Spectra M40762-017 Chrysotile Str #4
00276	Spectra M40762-017 Chrysotile Str #5
00277	Spectra M40762-017 Chrysotile Str #6
00278	Spectra M40762-017 Chrysotile Str #7
00279	Spectra M40762-017 Chrysotile Str #8
00280	Spectra M40762-017 Chrysotile Str #9
00281	Spectra M40762-017 Chrysotile Str #10
00282	Spectra M40762-017 Chrysotile Str #20
00283	Spectra M40762-017 Chrysotile Str #30
00284	Spectra M40762-017 Chrysotile Str #40
00285	Spectra M40762-017 Chrysotile Str #50
00286	Spectra M40762-017 Chrysotile Str #60
00287	Spectra M40762-017 Chrysotile Str #70
00288	Spectra M40762-017 Chrysotile Str #80
00289	Spectra M40762-017 Chrysotile Str #90
00290	Spectra M40762-017 Chrysotile Str #100
00291	Spectra M40762-017 Chrysotile Str #110
00292	Spectra M40762-017 Chrysotile Str #120
00293	Spectra M40762-017 Chrysotile Str #130
00294	Spectra M40762-017 Chrysotile Str #140
00295	Spectra M40762-017 Chrysotile Str #150
00296	TEM Dust Analysis M40762 018 Portland State University and Oregon State at Eugene
00297	Continuation of TEM Dust Analysis M40762 018 Portland State University and Oregon State at Eugene
00298	Continuation of TEM Dust Analysis M40762 018 Portland State University and Oregon State at Eugene
00299	Spectra M40762-018 Chrysotile Str #1
00300	Spectra M40762-018 Chrysotile Str #2
00301	Spectra M40762-018 Chrysotile Str #3
00302	Spectra M40762-018 Chrysotile Str #4
00303	Spectra M40762-018 Chrysotile Str #5
00304	Spectra M40762-018 Chrysotile Str #6
00305	Spectra M40762-018 Chrysotile Str #7
00306	Spectra M40762-018 Chrysotile Str #8
00307	Spectra M40762-018 Chrysotile Str #9
00308	Spectra M40762-018 Chrysotile Str #10
00309	Spectra M40762-018 Chrysotile Str #20
00310	Spectra M40762-018 Chrysotile Str #30
00311	Spectra M40762-018 Chrysotile Str #40
00312	Spectra M40762-018 Chrysotile Str #50

SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

Page No.	Description
00313	TEM Dust Analysis M40762 019 Portland State University and Oregon State at Eugene
00314	Continuation of TEM Dust Analysis M40762 019 Portland State University and Oregon State at Eugene
00315	Continuation of TEM Dust Analysis M40762 019 Portland State University and Oregon State at Eugene
00316	Continuation of TEM Dust Analysis M40762 019 Portland State University and Oregon State at Eugene
00317	Continuation of TEM Dust Analysis M40762 019 Portland State University and Oregon State at Eugene
00318	Continuation of TEM Dust Analysis M40762 019 Portland State University and Oregon State at Eugene
00319	Spectra M40762-019 Chrysotile Str #1
00320	Spectra M40762-019 Chrysotile Str #2
00321	M40762-019 Chrysotile Diffraction Structure #2
00322	Verification of Chrysotile Diffraction Patterns M40762-019 Str #2
00323	Spectra M40762-019 Chrysotile Str #3
00324	Spectra M40762-019 Chrysotile Str #4
00325	Spectra M40762-019 Chrysotile Str #5
00326	Spectra M40762-019 Chrysotile Str #6
00327	Spectra M40762-019 Chrysotile Str #7
00328	Spectra M40762-019 Chrysotile Str #8
00329	Spectra M40762-019 Chrysotile Str #9
00330	Spectra M40762-019 Chrysotile Str #10
00331	Spectra M40762-019 Chrysotile Str #20
00332	Spectra M40762-019 Chrysotile Str #30
00333	Spectra M40762-019 Chrysotile Str #40
00334	Spectra M40762-019 Chrysotile Str #50
00335	Spectra M40762-019 Chrysotile Str #60
00336	Spectra M40762-019 Chrysotile Str #70
00337	Spectra M40762-019 Chrysotile Str #80
00338	Spectra M40762-019 Chrysotile Str #90
00339	Spectra M40762-019 Chrysotile Str #100
00340	TEM Dust Analysis M40762 020 Portland State University and Oregon State at Eugene
00341	Continuation of TEM Dust Analysis M40762 020 Portland State University and Oregon State at Eugene
00342	Spectra M40762-020 Chrysotile Str #1
00343	M40762-020 Chrysotile Diffraction Structure #1
00344	Verification of Chrysotile Diffraction Patterns M40762-020 Str #1
00345	Spectra M40762-020 Chrysotile Str #2
00346	Spectra M40762-020 Chrysotile Str #3
00347	Spectra M40762-020 Chrysotile Str #4
00348	Spectra M40762-020 Chrysotile Str #5
00349	M40762-020 Chrysotile Structure #5
00350	M40762-020 Chrysotile Diffraction Structure #5
00351	Verification of Chrysotile Diffraction Patterns M40762-020 Str #5
00352	Spectra M40762-020 Chrysotile Str #6
00353	Spectra M40762-020 Chrysotile Str #7
00354	Spectra M40762-020 Chrysotile Str #8
00355	Spectra M40762-020 Chrysotile Str #9
00356	Spectra M40762-020 Chrysotile Str #10
00357	TEM Dust Analysis M40762 021 Portland State University and Oregon State at Eugene

SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

Page No.	Description
00358	Continuation of TEM Dust Analysis M40762 021 Portland State University and Oregon State at Eugene
00359	Continuation of TEM Dust Analysis M40762 021 Portland State University and Oregon State at Eugene
00360	Continuation of TEM Dust Analysis M40762 021 Portland State University and Oregon State at Eugene
00361	Continuation of TEM Dust Analysis M40762 021 Portland State University and Oregon State at Eugene
00362	Continuation of TEM Dust Analysis M40762 021 Portland State University and Oregon State at Eugene
00363	Spectra M40762-021 Chrysotile Str #1
00364	M40762-021 Chrysotile Diffraction Structure #1
00365	Verification of Chrysotile Diffraction Patterns M40762-021 Str #1
00366	Spectra M40762-021 Chrysotile Str #2
00367	Spectra M40762-021 Chrysotile Str #3
00368	Spectra M40762-021 Chrysotile Str #4
00369	Spectra M40762-021 Chrysotile Str #5
00370	Spectra M40762-021 Chrysotile Str #6
00371	Spectra M40762-021 Chrysotile Str #7
00372	Spectra M40762-021 Chrysotile Str #8
00373	Spectra M40762-021 Chrysotile Str #9
00374	Spectra M40762-021 Chrysotile Str #10
00375	Spectra M40762-021 Chrysotile Str #20
00376	Spectra M40762-021 Chrysotile Str #30
00377	Spectra M40762-021 Chrysotile Str #40
00378	Spectra M40762-021 Chrysotile Str #50
00379	Spectra M40762-021 Chrysotile Str #60
00380	Spectra M40762-021 Chrysotile Str #70
00381	Spectra M40762-021 Chrysotile Str #80
00382	Spectra M40762-021 Chrysotile Str #90
00383	Spectra M40762-021 Chrysotile Str #100
00384	TEM Dust Analysis M40762 022 Portland State University and Oregon State at Eugene
00385	Continuation of TEM Dust Analysis M40762 022 Portland State University and Oregon State at Eugene
00386	Spectra M40762-022 Chrysotile Str #1
00387	Verification of Chrysotile Diffraction Patterns M40762-022 Str #1
00388	Spectra M40762-022 Chrysotile Str #2
00389	Spectra M40762-022 Chrysotile Str #3
00390	Spectra M40762-022 Chrysotile Str #4
00391	Spectra M40762-022 Chrysotile Str #5
00392	Spectra M40762-022 Chrysotile Str #6
00393	Spectra M40762-022 Chrysotile Str #7
00394	Spectra M40762-022 Chrysotile Str #8
00395	Spectra M40762-022 Chrysotile Str #9
00396	Spectra M40762-022 Chrysotile Str #10
00397	Spectra M40762-022 Chrysotile Str #19
00398	Spectra M40762-022 Chrysotile Str #29
00399	TEM Dust Analysis M40762 023 Portland State University and Oregon State at Eugene
00400	TEM Dust Analysis M40762 024 Portland State University and Oregon State at Eugene
00401	TEM Dust Analysis M40762 025 Portland State University and Oregon State at Eugene

SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
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WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

Page No.	Description
00532	M40762-039 Chrysotile Diffraction Structure #5
00533	Verification of Chrysotile Diffraction Patterns M40762-039 Str #5
00534	Spectra M40762-039 Chrysotile Str #6
00535	M40762-039 Chrysotile Structure #6
00536	Spectra M40762-039 Chrysotile Str #7
00537	Spectra M40762-039 Chrysotile Str #8
00538	Spectra M40762-039 Chrysotile Str #9
00539	Spectra M40762-039 Chrysotile Str #10
00540	Spectra M40762-039 Chrysotile Str #20
00541	Spectra M40762-039 Tremolite Str #27
00542	M40762-039 Tremolite Structure #27
00543	M40762-039 Tremolite Diffraction Structure #27
00544	Verification of Zero Degree Amphibole Diffraction Patterns M40762-039 Str #27
00545	Spectra M40762-039 Chrysotile Str #30
00546	Spectra M40762-039 Chrysotile Str #40
00547	Spectra M40762-039 Chrysotile Str #50
00548	Spectra M40762-039 Chrysotile Str #60
00549	TEM Dust Analysis M40762 040 Portland State University and Oregon State at Eugene
00550	Continuation of TEM Dust Analysis M40762 040 Portland State University and Oregon State at Eugene
00551	Continuation of TEM Dust Analysis M40762 040 Portland State University and Oregon State at Eugene
00552	Continuation of TEM Dust Analysis M40762 040 Portland State University and Oregon State at Eugene
00553	Continuation of TEM Dust Analysis M40762 040 Portland State University and Oregon State at Eugene
00554	Spectra M40762-040 Chrysotile Str #1
00555	Spectra M40762-040 Chrysotile Str #2
00556	Spectra M40762-040 Chrysotile Str #3
00557	Spectra M40762-040 Chrysotile Str #4
00558	Spectra M40762-040 Chrysotile Str #5
00559	Spectra M40762-040 Chrysotile Str #6
00560	Spectra M40762-040 Chrysotile Str #7
00561	Spectra M40762-040 Chrysotile Str #8
00562	Spectra M40762-040 Chrysotile Str #9
00563	Spectra M40762-040 Chrysotile Str #10
00564	Spectra M40762-040 Chrysotile Str #20
00565	Spectra M40762-040 Chrysotile Str #30
00566	Spectra M40762-040 Chrysotile Str #40
00567	Spectra M40762-040 Chrysotile Str #50
00568	Spectra M40762-040 Chrysotile Str #60
00569	Spectra M40762-040 Chrysotile Str #70
00570	Spectra M40762-040 Chrysotile Str #80
00571	TEM Dust Analysis M40762 041 Portland State University and Oregon State at Eugene
00572	TEM Dust Analysis M40762 042 Portland State University and Oregon State at Eugene
00573	Continuation of TEM Dust Analysis M40762 042 Portland State University and Oregon State at Eugene
00574	Spectra M40762-042 Chrysotile Str #1
00575	Spectra M40762-042 Chrysotile Str #2
00576	Spectra M40762-042 Chrysotile Str #3
00577	M40762-042 Chrystotile Diffraction Structure #3

SUMMARY LIST OF BACKUP DATA FOR
WILLIAM EWING DUST SAMPLE REPORTS
STATE OF OREGON

Page No.	Description
00578	Verification of Chrysotile Diffraction Patterns M40762-042 Str #3
00579	Spectra M40762-042 Chrysotile Str #4
00580	Spectra M40762-042 Chrysotile Str #5
00581	Spectra M40762-042 Chrysotile Str #6
00582	Spectra M40762-042 Chrysotile Str #7
00583	Spectra M40762-042 Chrysotile Str #8
00584	Spectra M40762-042 Chrysotile Str #9
00585	Spectra M40762-042 Chrysotile Str #10
00586	TEM Dust Analysis M40762 043 Portland State University and Oregon State at Eugene
00587	Continuation of TEM Dust Analysis M40762 043 Portland State University and Oregon State at Eugene
00588	Continuation of TEM Dust Analysis M40762 043 Portland State University and Oregon State at Eugene
00589	Spectra M40762-043 Chrysotile Str #1
00590	Spectra M40762-043 Chrysotile Str #2
00591	Spectra M40762-043 Chrysotile Str #3
00592	Spectra M40762-043 Chrysotile Str #4
00593	Spectra M40762-043 Chrysotile Str #5
00594	Spectra M40762-043 Chrysotile Str #6
00595	Spectra M40762-043 Chrysotile Str #7
00596	Spectra M40762-043 Chrysotile Str #8
00597	Spectra M40762-043 Chrysotile Str #9
00598	Spectra M40762-043 Chrysotile Str #10
00599	Spectra M40762-043 Chrysotile Str #20
00600	Spectra M40762-043 Chrysotile Str #30
00601	Spectra M40762-043 Chrysotile Str #40
00602	Spectra M40762-043 Chrysotile Str #50
00603	TEM Dust Analysis M40762 044 Portland State University and Oregon State at Eugene
00604	Continuation of TEM Dust Analysis M40762 044 Portland State University and Oregon State at Eugene
00605	Spectra M40762-044 Chrysotile Str #1
00606	M40762-044 Chrysotile Structure #1
00607	Spectra M40762-044 Chrysotile Str #2
00608	Spectra M40762-044 Chrysotile Str #3
00609	Spectra M40762-044 Chrysotile Str #4
00610	Spectra M40762-044 Chrysotile Str #5
00611	Spectra M40762-044 Chrysotile Str #6
00612	Spectra M40762-044 Chrysotile Str #7
00613	Spectra M40762-044 Chrysotile Str #8
00614	Spectra M40762-044 Chrysotile Str #9
00615	Spectra M40762-044 Chrysotile Str #10
00616	Spectra M40762-044 Chrysotile Str #20

APPENDIX C

MAS, INC. LABORATORY REPORTS FOR DEBRIS SAMPLES, ONE BULK SAMPLE, AND ONE PASSIVE DUST SAMPLE

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 001 **Analyst** W.B. Egeland **Date:** 10/11/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 01

Location: Portland State Univ Cramer Hall Rm 494

Type_Mat: fireproofing debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS	

NON FIBROUS COMPONENTS	
Vermiculite	35
Binder	53

Effervescence: Weak and isolated.

Binder Description: Gypsum and occasional carbonate in a fine-grained aggregate

Comments: No starch observed

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 002 **Analyst** Paul Hess **Date:** 10/11/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 02

Location: Portland State Univ Cramer Hall outside rm 241

Type_Mat: fireproofing debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS	

NON FIBROUS COMPONENTS	
Vermiculite	35
Binder	53

Effervescence: Weak and isolated.

Binder Description: Gypsum and occasional carbonate in a fine-grained aggregate

Comments: No starch apparent with iodine test. White paint with granules and fine crunchy pellets observed.

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 003 **Analyst** Paul Hess **Date:** 10/11/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 03

Location: Portland State Univ Cramer Hall basement corridor rm 17

Type_Mat: fireproofing debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS

NON FIBROUS COMPONENTS

Vermiculite	35
Binder	53

Effervescence: Weak and isolated.

Binder Description: Gypsum and occasional carbonate in a fine-grained aggregate

Comments: No starch observed

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 004a **Analyst** Paul Hess **Date:** 10/11/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 04

Location: Portland State Univ Cramer Hall rm 241L top of wood shelving on exterior wall

Type_Mat: particles

Gross Visual: White fine grained compound with granules

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology			
Pleochroism			
Refract Index			
Sign			
Extinction			
Birefringence			
Melt			
Fiber Name			

ASBESTOS MINERALS	EST. VOL. %
	NO ASBESTOS OBSERVED
Chrysotile	
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS	

NON FIBROUS COMPONENTS	
Sand	60
Binder	40

Effervescence: Low.

Binder Description: scattered carbonate and fine aggragate, opaques

Comments: This material is mixed with the material of M40763-004B

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 004b **Analyst** Paul Hess **Date:** 10/11/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 04

Location: Portland State Univ Cramer Hall rm 241L top of wood shelving on exterior wall

Type_Mat: particles

Gross Visual: Off-white. Glassy pellets and fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy	straight	
Pleochroism	none	none	
Refract Index	1.550/1.545	1.618/1.603	
Sign	positive	positive	
Extinction	parallel	parallel	
Birefringence	low	low	
Melt	no	no	
Fiber Name	Chrysotile	Tremolite/Actinolite	

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	10
Amosite	
Crocidolite	
Tremolite/Actinolite	Trace
Anthophyllite	

OTHER FIBROUS COMPONENTS

NON FIBROUS COMPONENTS

Perlite	65
Binder	25

Effervescence: Moderate.

Binder Description: Carbonate, fibrous talc, and fine-grained aggregate

Comments: No starch observed

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 005 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 12

Location: Portland State Univ Neuberger Hall basement rm 26 top of VAV box

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	10
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS

NON FIBROUS COMPONENTS

Vermiculite	36
Binder	54

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: No starch observed

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 006 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 13

Location: Portland State Univ Smith Memorial basement rm 26 top of ceiling tile

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS

NON FIBROUS COMPONENTS

Vermiculite	36
Binder	52

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: No starch observed

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 007 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 10

Location: Portland State Univ UCB rm 465N above ceiling below fireproofing

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix. Also light blue fluffy fibrous material.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	8
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS	
Synthetic -melts	33

NON FIBROUS COMPONENTS	
Vermiculite	15
Binder	44

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: Material similar to #6 mixed with clumped synthetic fiber material.

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 008 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 11

Location: Portland State Univ UCB rm 308U top of celing tile in NE corner of room

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS	

NON FIBROUS COMPONENTS	
Vermiculite	35
Binder	53

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: No starch observed

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 009 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 06

Location: Portland State Univ HPE Stott rm 301 from concrete floor under fan unit 6

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS

NON FIBROUS COMPONENTS

Vermiculite	35
Binder	53

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: No starch observed. Sporadic synthetic fibers observed in sample.

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 010 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 07

Location: Portland State Univ HPE Stott top of metal duct near fan unit 5

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS	

NON FIBROUS COMPONENTS	
Vermiculite	35
Binder	53

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: No starch observed. Sporadic synthetic fibers observed in sample.

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 011 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 08

Location: Portland State Univ HPE rm 301 S wall E end base of wall

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS

NON FIBROUS COMPONENTS

Vermiculite	35
Binder	53

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: No starch observed.

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 013 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 20

Location: Univ Oregon Gerlinger Annex outside rm 362 above ceiling

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS

NON FIBROUS COMPONENTS

Vermiculite	36
Binder	52

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: No starch observed.

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 014 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 22

Location: Univ Oregon Oregon Hall rm 256 top of ceiling tile on W side

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS	

NON FIBROUS COMPONENTS	
Vermiculite	36
Binder	52

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: No starch observed.

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763-012 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Debris 21

Location: Univ Oregon Computing Center outside rm 193 top of ceiling

Type_Mat: debris

Gross Visual: Light tan. Flakes and books as well as fiber bundles throughout a fine matrix.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	wavy		
Pleochroism	none		
Refract Index	1.550/1.545		
Sign	positive		
Extinction	parallel		
Birefringence	low		
Melt	no		
Fiber Name	Chrysotile		

ASBESTOS MINERALS	EST. VOL. %
Chrysotile	12
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS	

NON FIBROUS COMPONENTS	
Vermiculite	36
Binder	52

Effervescence: Weak and isolated.

Binder Description: Abundant gypsum with scattered fine granular minerals throughout

Comments: No starch observed.

MATERIALS ANALYTICAL SERVICES, INC.
PLM ANALYSIS

Proj#-Spl#: M40763 - 015 **Analyst** W.B. Egeland **Date:** 12/28/2006

ClientName: Dies and Hile, LLP **ClientSpl:** Bulk-01

Location: Portland State Univ Professional Schools Bldg center rm 374

Type_Mat: ceiling tile, small dots, small gouges, white face, cream interior, brown back

Gross Visual: Off-white to light tan. Compressed fibrous.

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology			
Pleochroism			
Refract Index			
Sign			
Extinction			
Birefringence			
Melt			
Fiber Name			

ASBESTOS MINERALS	EST. VOL. %
	NO ASBESTOS OBSERVED
Chrysotile	
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS	
Min wool -isotropic	75

NON FIBROUS COMPONENTS	
Binder	25

Effervescence: None.

Binder Description: Fine-grained aggregate

Comments: No starch observed

M407763
M407764

COMPASS ENVIRONMENTAL, INCORPORATED

October 5, 2006

William E. Longo, Ph.D.
Materials Analytical Services, Inc.
3945 Lakefield Court
Suwanee, GA 30024

RE: Oregon Buildings Dust Samples

Dear Dr. Longo:

Enclosed are 14 debris samples and 1 bulk ceiling tile sample for PLM analysis for asbestos. Also enclosed are 6 bulk samples of dust collected from surfaces below asbestos-containing fireproofing. Also enclosed are 7 tape samples of dust collected from surfaces below asbestos-containing fireproofing. The tape samples were collected according to section 6.3.2 of ASTM method D 6602 (copy attached) and mounted on clear glass slides. Lastly, enclosed is one passive dust sample labeled Comp 18 collected from beneath asbestos-containing fireproofing over an unspecified period of time. Per our telephone discussion on Wednesday I am interested in your characterization of the dust, tape and passive samples for asbestos structures by direct methods to determine if there are unencapsulated fibers or free fibers in the samples. Also enclosed are 8 chain-of-custody forms and sampling logs describing the sample locations. The invoice for this work should be sent to Mr. Martin Dies, Dies & Hile, LLP, 1601 Rio Grande, Suite 330, Austin, TX 78701. Please do not hesitate to telephone me should you have any questions. Thank you.

Sincerely,

William M. Ewing

William M. Ewing, CIH
Technical Director

Enclosures

Received 10/16/06

1751 McCollum Parkway • Kennesaw, GA 30144-5908 • 770.499.7127 • Fax 770.423.7402

ATLANTA
Corporate Headquarters
3945 Lakefield Court
Suwanee, GA 30024
(770) 866-3200 FAX (770) 866-3259

MAS

January 10, 2007

W. M. Ewing
Compass Environmental
1751 McCollum Parkway
Kennesaw, Georgia 30144

Re: Oregon Dust Sample Results for Comp 18

Dear Mr. Ewing,

Attached is the laboratory analysis report for the above referenced dust sample submitted on October 6, 2006. The sample was prepared by rinsing the interior of the "RJ Lee Passive Dust Sampler" with 50/50 alcohol/water solution and then following the preparation and analysis steps describe in ASTM Method 5557-03.

Please call me at 770-866-3235 should you have any questions.

Sincerely,

Michael D. Mount 2007.01.11 14:35:24 -05'00'

Michael D. Mount, CIH, OHST
EM Lab Manager

Encl.

TEM DUST ANALYSIS M40765 008

Dies and Hile, LLP
Oregon Buildings

Client Sample ID: comp-18

Sample Area/ Volume:	81 cm2	Date Analyzed:	1/10/2007
Filter Type:	MCE 47mm	Analyst:	Kevin Simpson
Pore size:	0.45	Scope Number:	3
Effective Filter Area:	1297	Accelerating Voltage:	100 KV
Sample type:	Dust	Indicated Mag:	25 KX
Analysis type:	Dust	Screen Mag:	20 KX
Grid Acceptance	Yes 4 %	Grid_box:	

Str < 5um:	60	Number of grids:	2	#1: 108	#3: 105	Average Grid Size:	0.011184
Str ≥5um:	16	Number of openings:	10	#2: 106	#4: 104	Total Area Analyzed:	0.112
Total Str:	76						

Volume Filtered	0.1 ml	Str / sqr ft	1.011E+10
Dilution Factor	1000	Str / sqr ft >=5	2.128E+09
		Str / cm2	1.088E+07
		Str / cm2 >=5	2.291E+06

Str#	SquareID:	Type:		Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
Str#	Grid ID	Serp	Other	Structure	Length	Width	Morph	SAED	EDS	Photo	Sketch
1	A7-B5	C		C-F	5.00	0.60	X	X	☑	☐	☐
2		C		F	2.00	0.10	X	X	☑	☐	☐
3		C		B	4.50	0.15	X	X	☑	☐	☐
4		C		F	1.00	0.10	X	X	☑	☐	☐
5		C		F	9.00	0.10	X	X	☑	☐	☐
6		C		F	0.60	0.10	X	X	☑	☐	☐
7		C		F	2.60	0.10	X	X	☑	☐	☐
8		C		F	0.60	0.10	X	X	☑	☐	☐
9		C		F	0.90	0.10	X	X	☑	☐	☐
10		C		F	27.00	0.10	X	X	☑	☐	☐
11		C		B	1.00	0.15			☐	☐	☐
12		C		C-F	1.00	0.50			☐	☐	☐

C - Chrysotile
TR - Tremolite
CR - Crocidolite
AN - Anthophyllite
AC - Actinolite

NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
13		C	B	3.20	0.15			☐	☐	☐
14	D5	C	B	0.80	0.18			☐	☐	☐
15		C	B	0.70	0.12			☐	☐	☐
16		C	B	1.00	0.18			☐	☐	☐
17		C	F	1.90	0.10			☐	☐	☐
18		C	F	3.50	0.05			☐	☐	☐
19		C	F	1.00	0.10			☐	☐	☐
20		C	C-F	2.00	1.00	X	X	☑	☐	☐
21		C	F	0.80	0.05			☐	☐	☐
22	F5	C	B	12.60	0.12			☐	☐	☐
23		C	C-F	24.00	4.00			☐	☐	☐
24		C	B	2.00	0.12			☐	☐	☐
25		C	B	1.70	0.12			☐	☐	☐
26		C	F	2.00	0.10			☐	☐	☐
27		C	F	1.70	0.10			☐	☐	☐
28		C	F	0.60	0.10			☐	☐	☐
29		C	F	1.20	5.00			☐	☐	☐
30		C	F	2.20	0.10	X	X	☑	☐	☐
31		C	C-F	5.50	0.60			☐	☐	☐
32		C	B	2.20	0.12			☐	☐	☐
33		C	F	1.10	0.10			☐	☐	☐
34		C	F	5.50	0.10			☐	☐	☐

C - Chrysotile
TR - Tremolite
CR - Crocidolite
AN - Anthophyllite
AC - Actinolite

NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
35	H5	C	C-F	3.00	0.60			☐	☐	☐
36		C	F	2.30	0.05			☐	☐	☐
37		C	F	5.50	0.05			☐	☐	☐
38		C	F	1.30	0.10			☐	☐	☐
39		C	C-B	17.00	3.00			☐	☐	☐
40		C	F	3.60	0.10	X	X	☑	☐	☐
41		C	B	1.00	0.20			☐	☐	☐
42	J5	C	F	0.80	0.10			☐	☐	☐
43		C	F	0.60	0.10			☐	☐	☐
44		C	F	2.00	0.10			☐	☐	☐
45		C	C-F	15.00	0.30			☐	☐	☐
46		C	B	2.30	0.12			☐	☐	☐
47		C	F	1.50	0.10			☐	☐	☐
48	A8-B2	C	F	3.00	0.10			☐	☐	☐
49		C	M-B	15.00	0.12			☐	☐	☐
50		C	F	0.50	0.05	X	X	☑	☐	☐
51		C	F	0.60	0.05			☐	☐	☐
52	D2	C	F	3.50	0.10			☐	☐	☐
53		C	F	0.70	0.10			☐	☐	☐
54		C	F	1.10	0.10			☐	☐	☐
55		C	C-F	1.20	0.40			☐	☐	☐
56	F2	C	F	5.20	0.10			☐	☐	☐

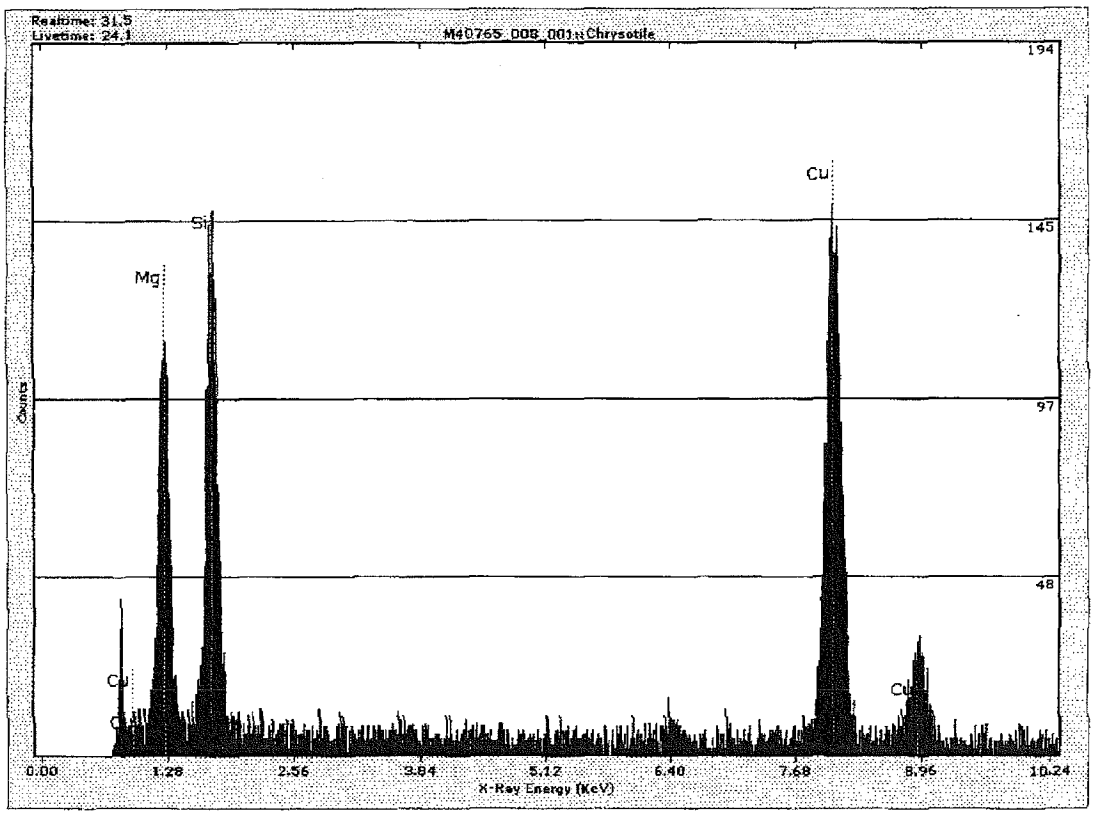
C - Chrysotile
TR - Tremolite
CR - Crocidolite
AN - Anthophyllite
AC - Actinolite

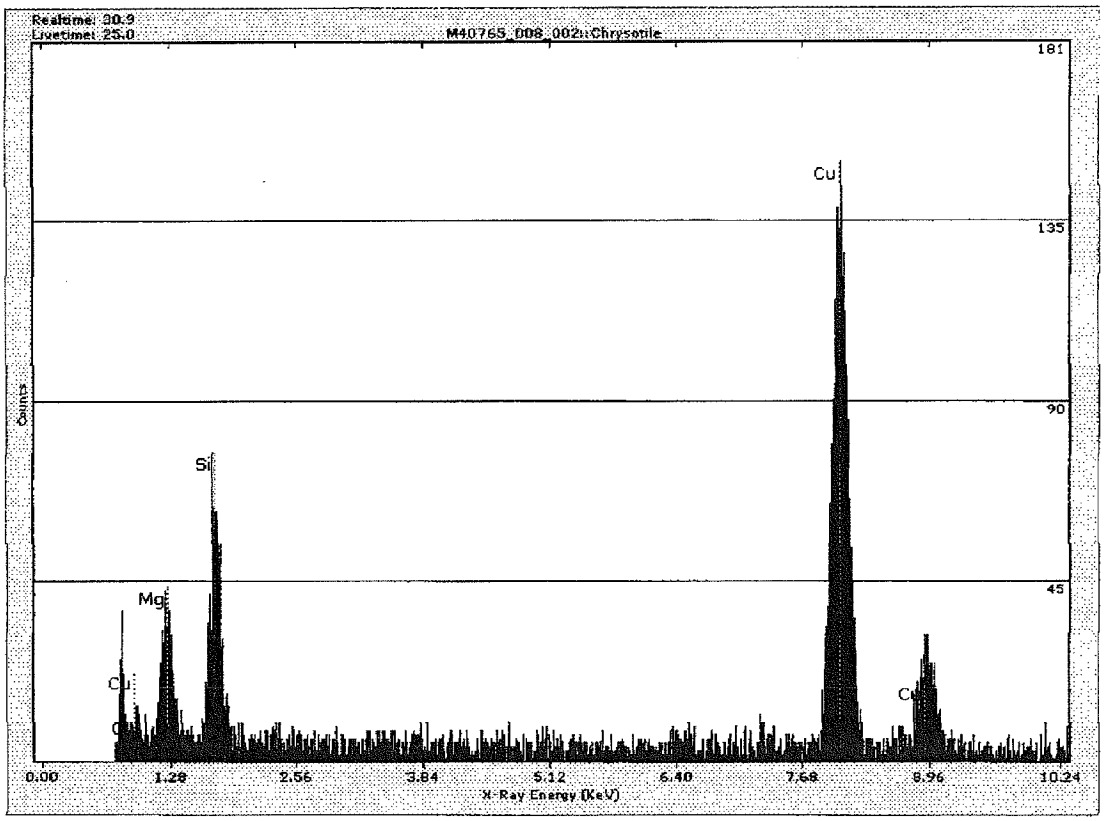
NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

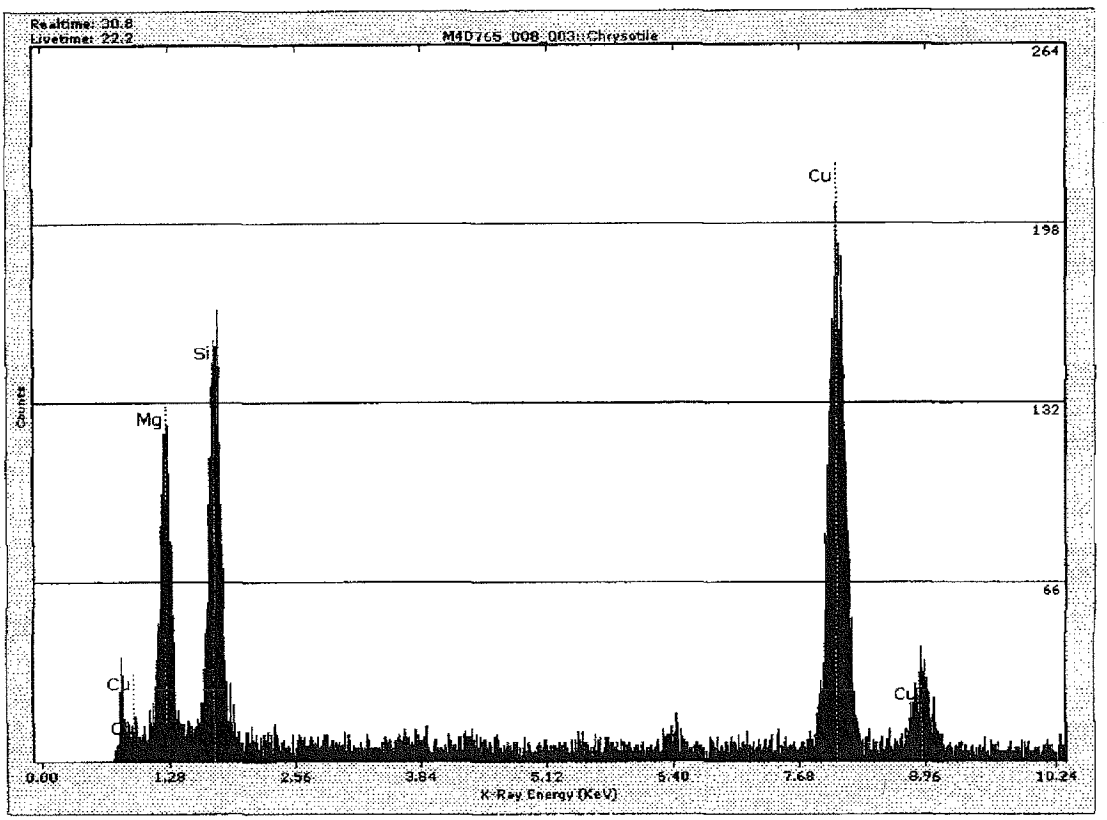
Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
57		C	F	1.70	0.10			☐	☐	☐
58		C	F	1.80	0.10			☐	☐	☐
59		C	F	1.70	0.05			☐	☐	☐
60		C	B	1.80	0.22	X	X	☑	☐	☐
61		C	F	1.80	0.10			☐	☐	☐
62	H2	C	B	24.00	0.20			☐	☐	☐
63		C	F	1.50	0.10			☐	☐	☐
64		C	B	1.90	0.12			☐	☐	☐
65		C	B	1.20	0.20			☐	☐	☐
66		C	F	0.50	0.10			☐	☐	☐
67		C	F	11.50	0.10			☐	☐	☐
68		C	C-F	2.00	0.70			☐	☐	☐
69		C	C-F	1.70	0.60			☐	☐	☐
70		C	F	2.00	0.05	X	X	☑	☐	☐
71	J2	C	B	3.00	0.20	X	X	☑	☐	☐
72		C	B	5.10	0.15	X	X	☑	☐	☐
73		C	F	1.00	0.10			☐	☐	☐
74		C	F	6.20	0.10			☐	☐	☐
75		C	F	3.00	0.10			☐	☐	☐
76		C	F	0.80	0.10			☐	☐	☐
									M40765	008

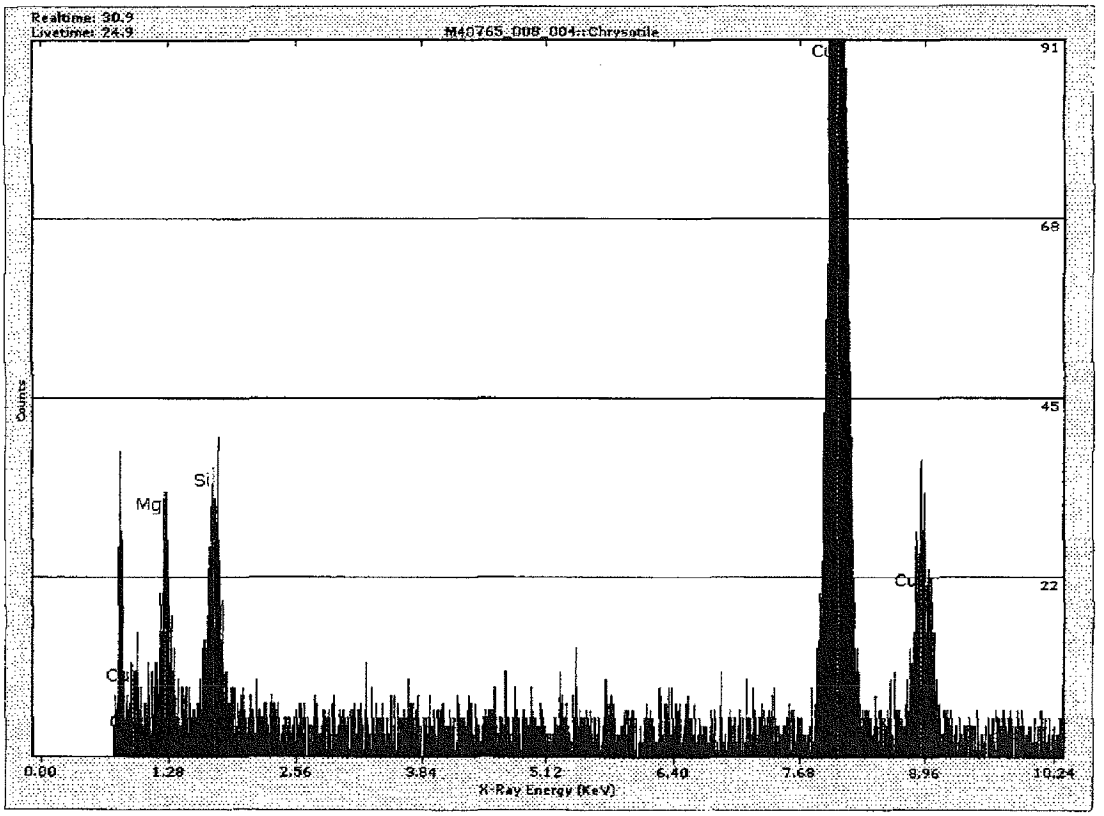
C - Chrysotile
TR - Tremolite
CR - Crocidolite
AN - Anthophyllite
AC - Actinolite

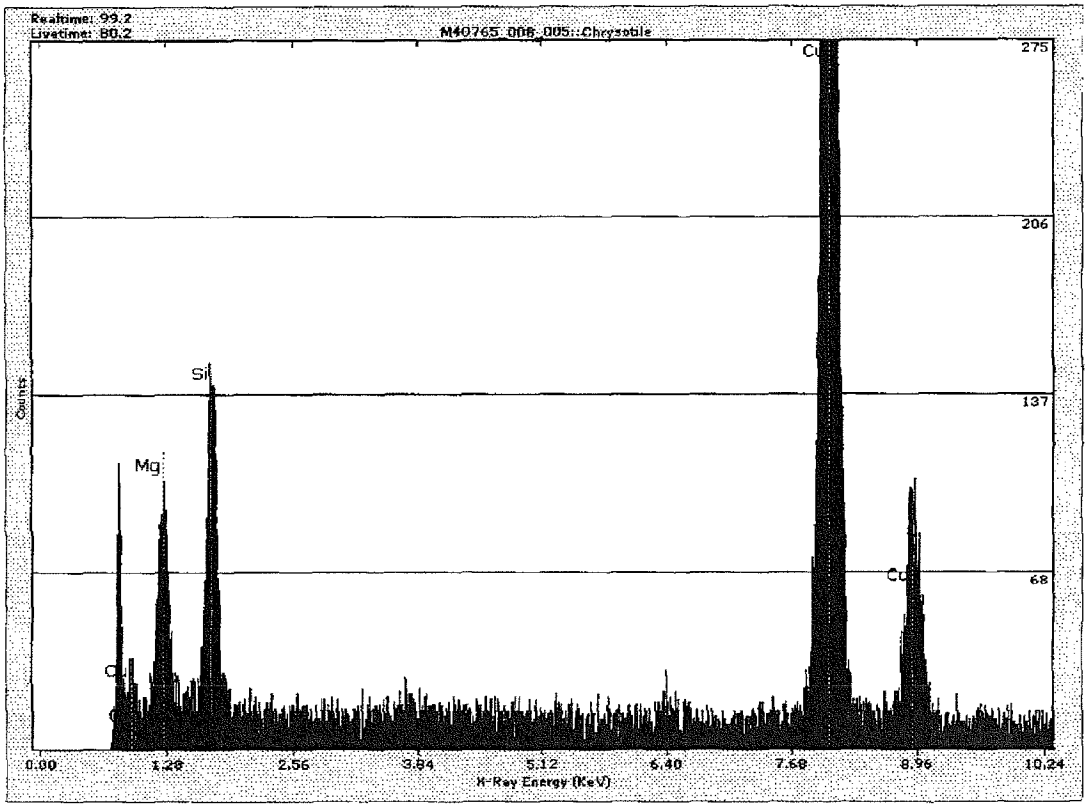
NSD - No Structure Detected
F - Fiber
B - Bundle
M - Matrix
C - Cluster

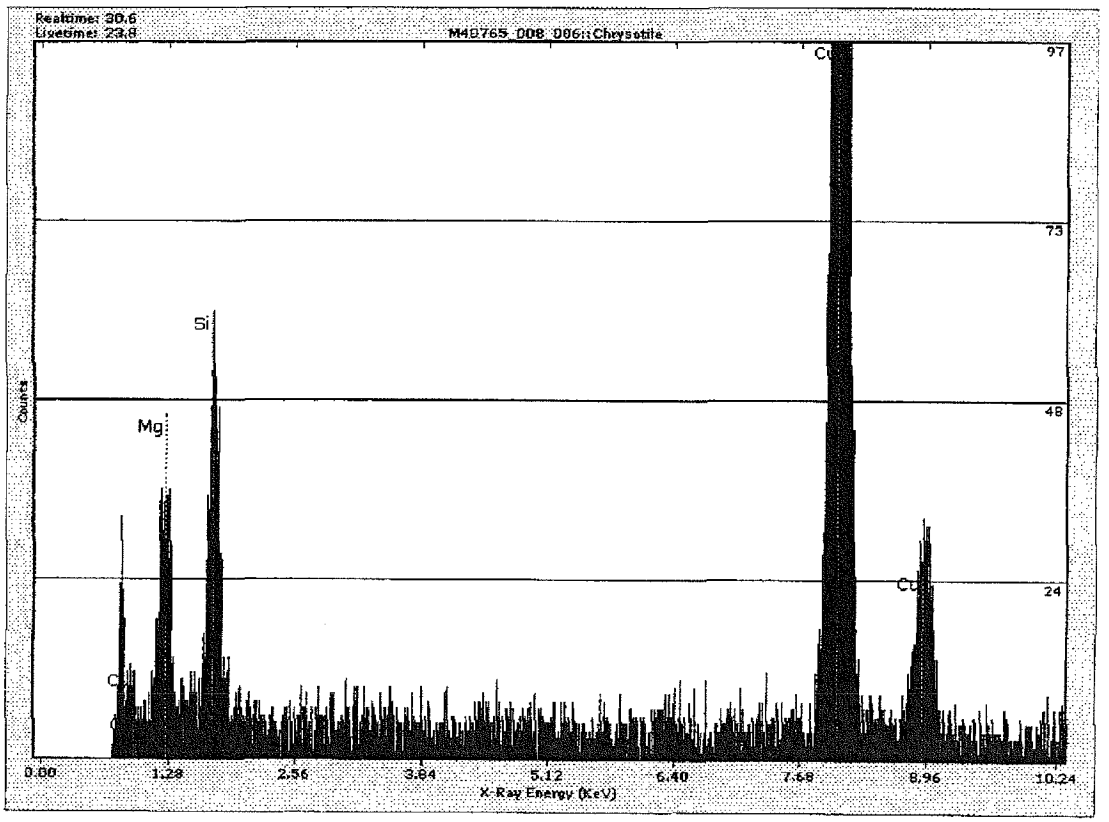

Realtime: 31.5
Livetime: 24.1
M40765_008_001:Chrysotile
194
145
97
48
Counts
Cu
Si
Mg
Cu
Cl
Cu
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

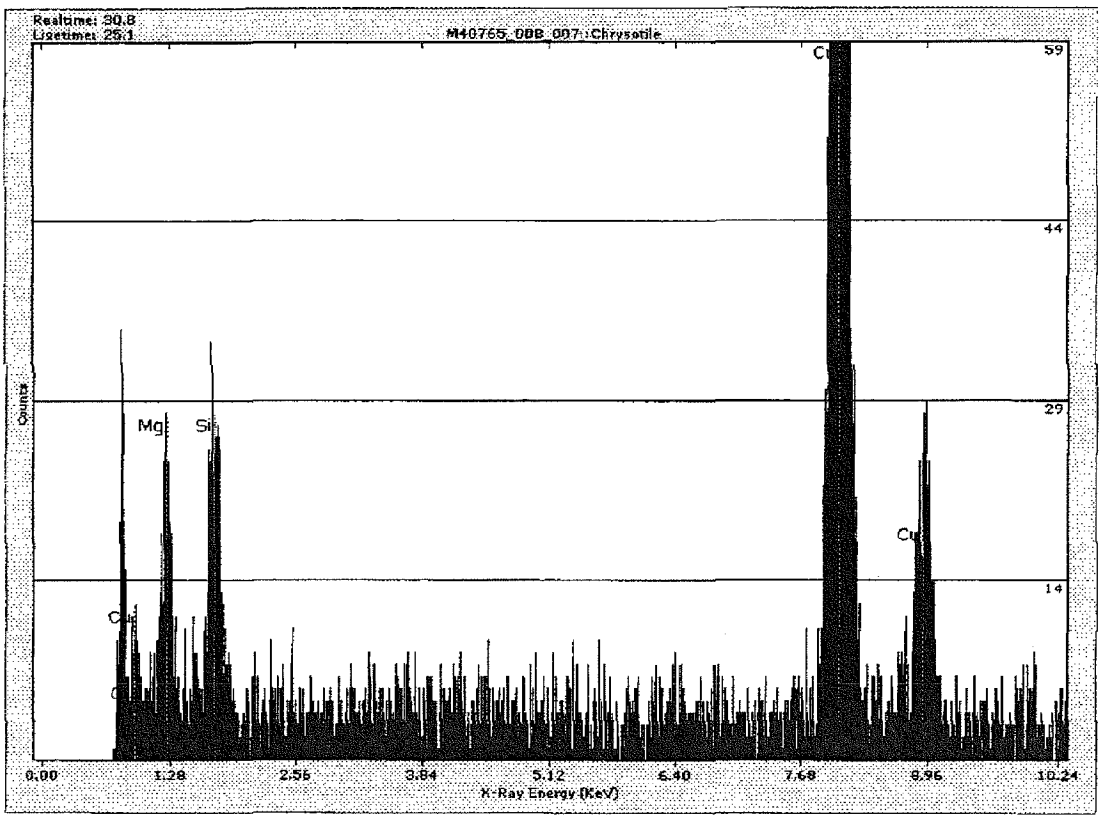

Realtime: 30.9
Livetime: 25.0
M40765_008_002: Chrysotile
181
135
90
45
Counts
Cu
Si
Mg
Cu
Cl
Cu
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

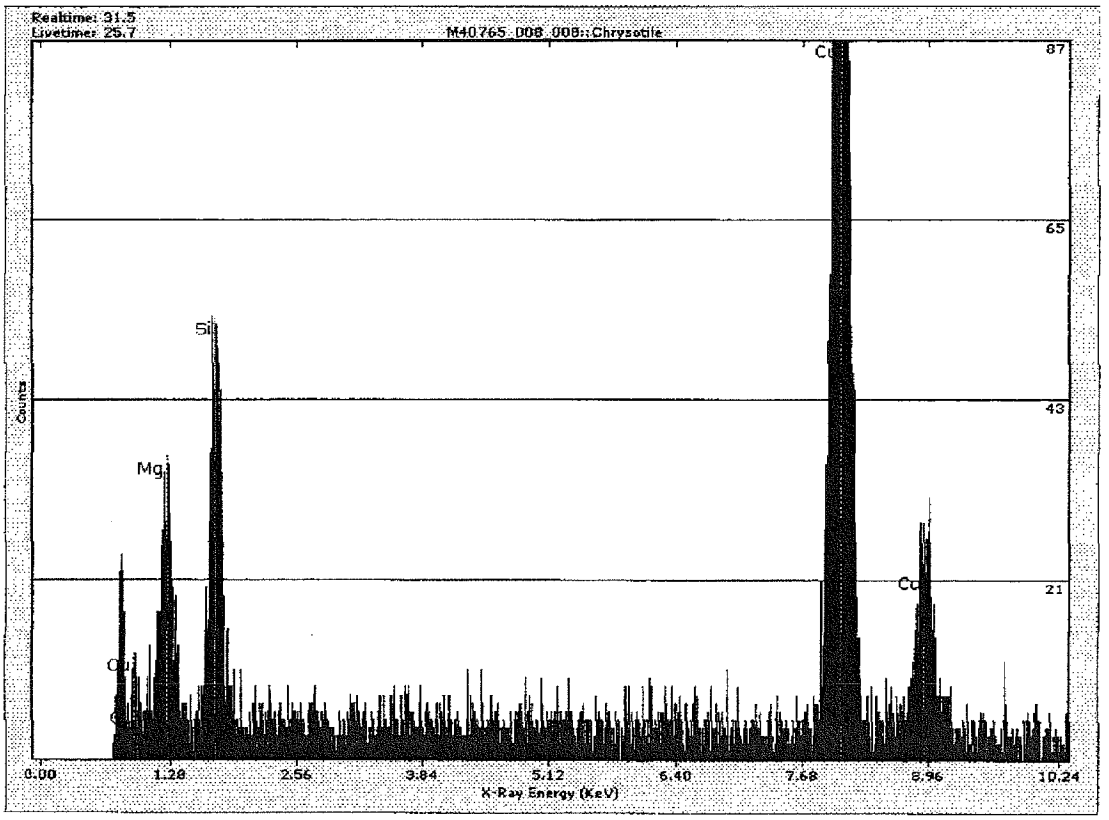

Realtime: 30.8
Livetime: 22.2
M4D765_008_003::Chrysotile
264
198
132
66
Counts
Cu
Si
Mg
Cu
Cl
Cu
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

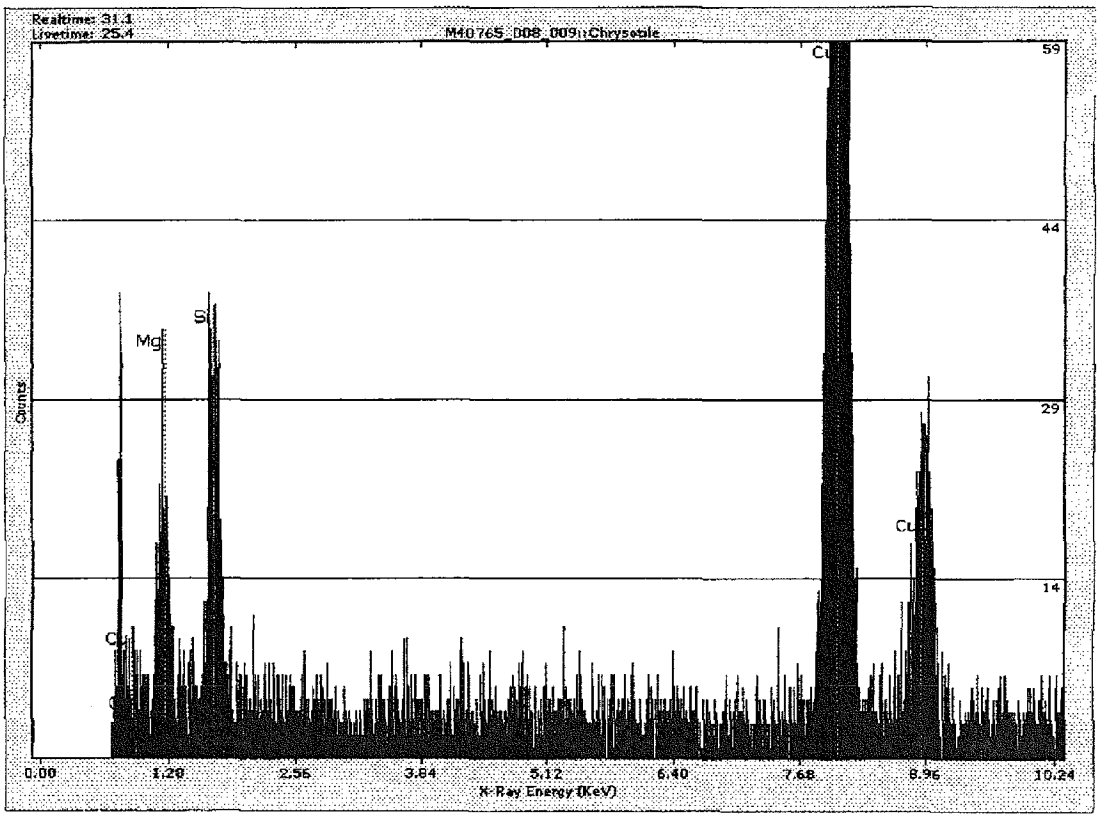

Realtime: 30.9
Livetime: 24.9
M40765_008_004::Chrysotile
Counts
91
68
45
22
Mg
Si
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

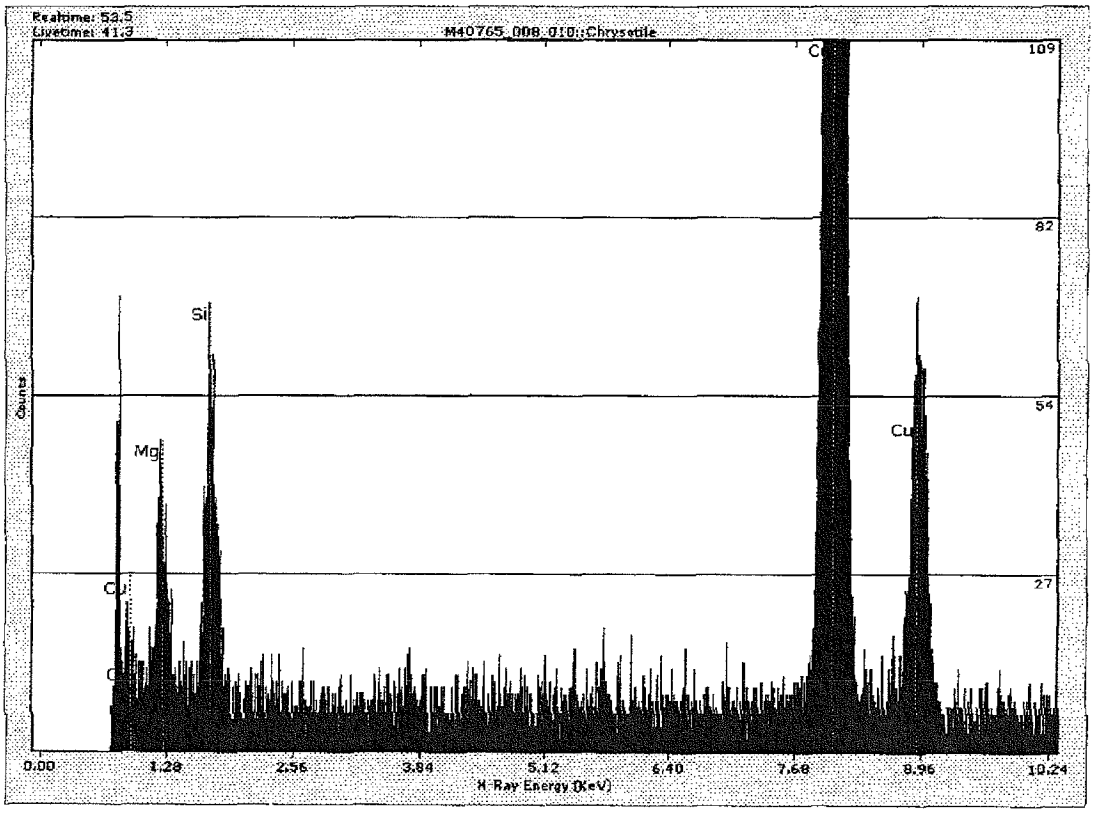

Realtime: 99.2
Livetime: 80.2
M40765_006_005::Chrysotile
Counts
275
206
137
68
Si
Mg
Cl
Cu
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

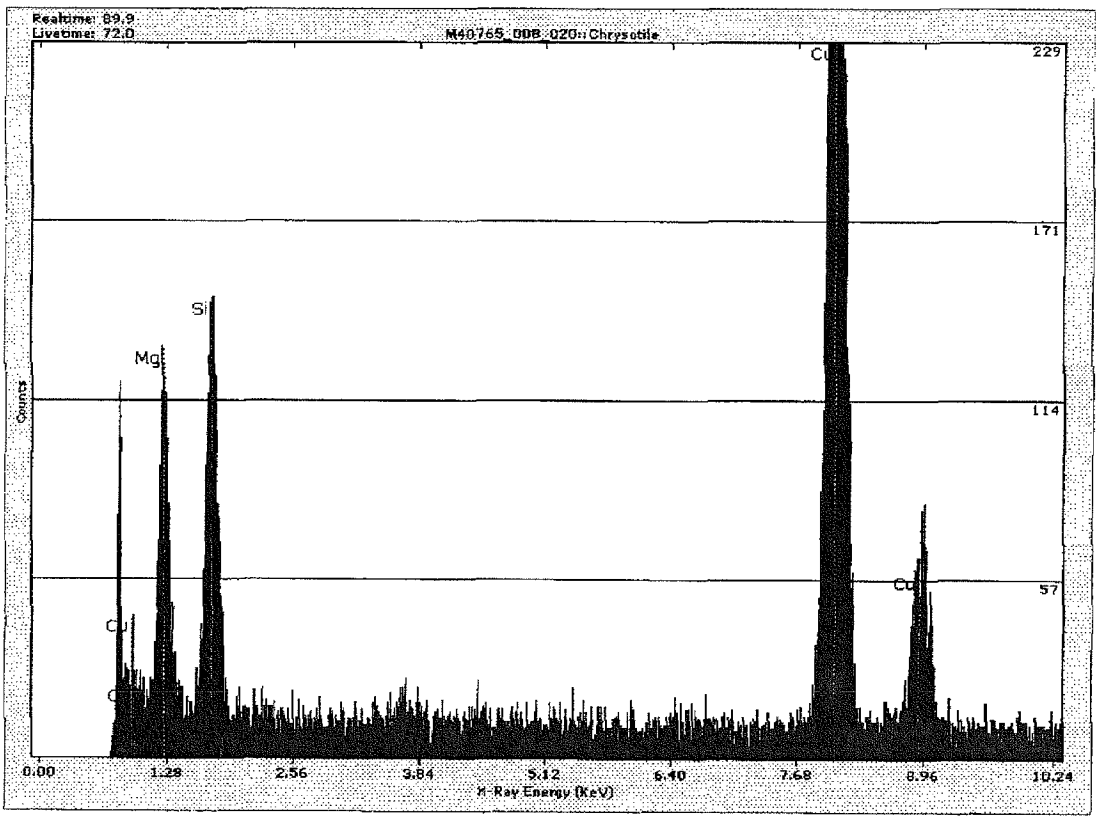

Realtime: 30.6
Livetime: 23.8
M40765_008_006:Chrysotile
97
73
48
24
Counts
Si
Mg
Ca
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (keV)

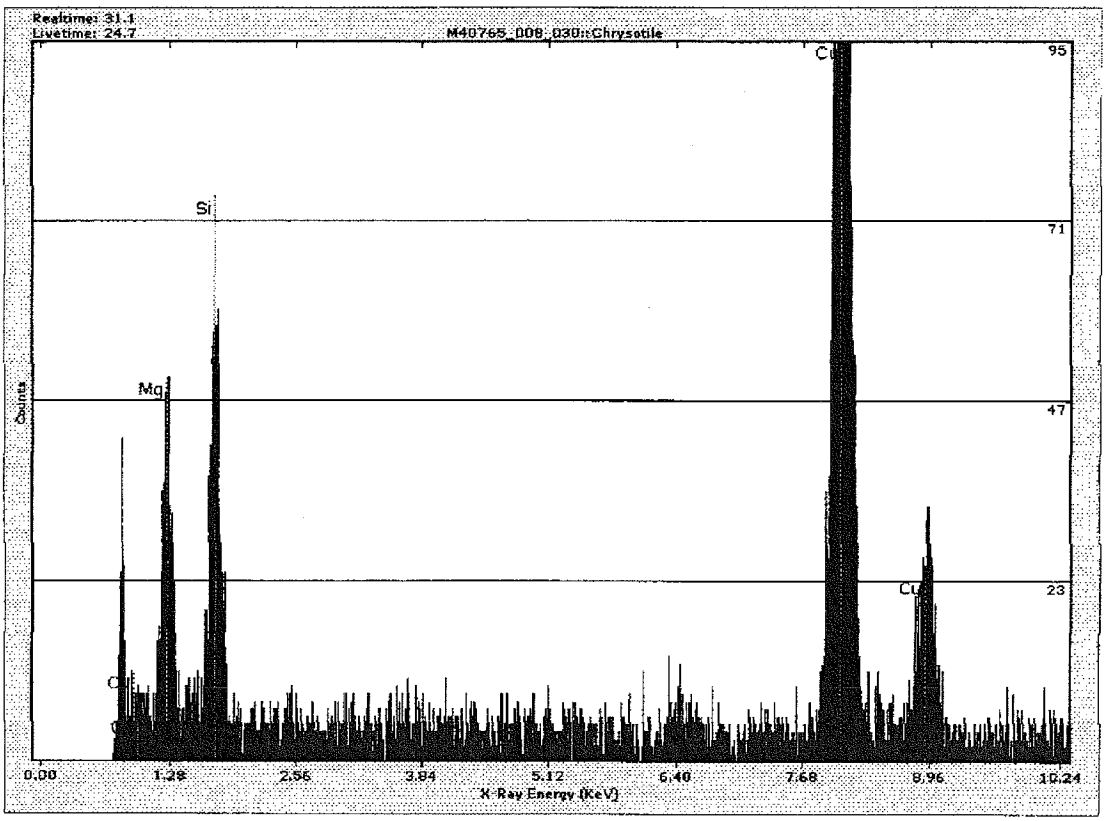

Realtime: 30.8
Livetime: 25.1
M40765_008_007 : Chrysotile
59
44
29
14
Counts
Mg
Si
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

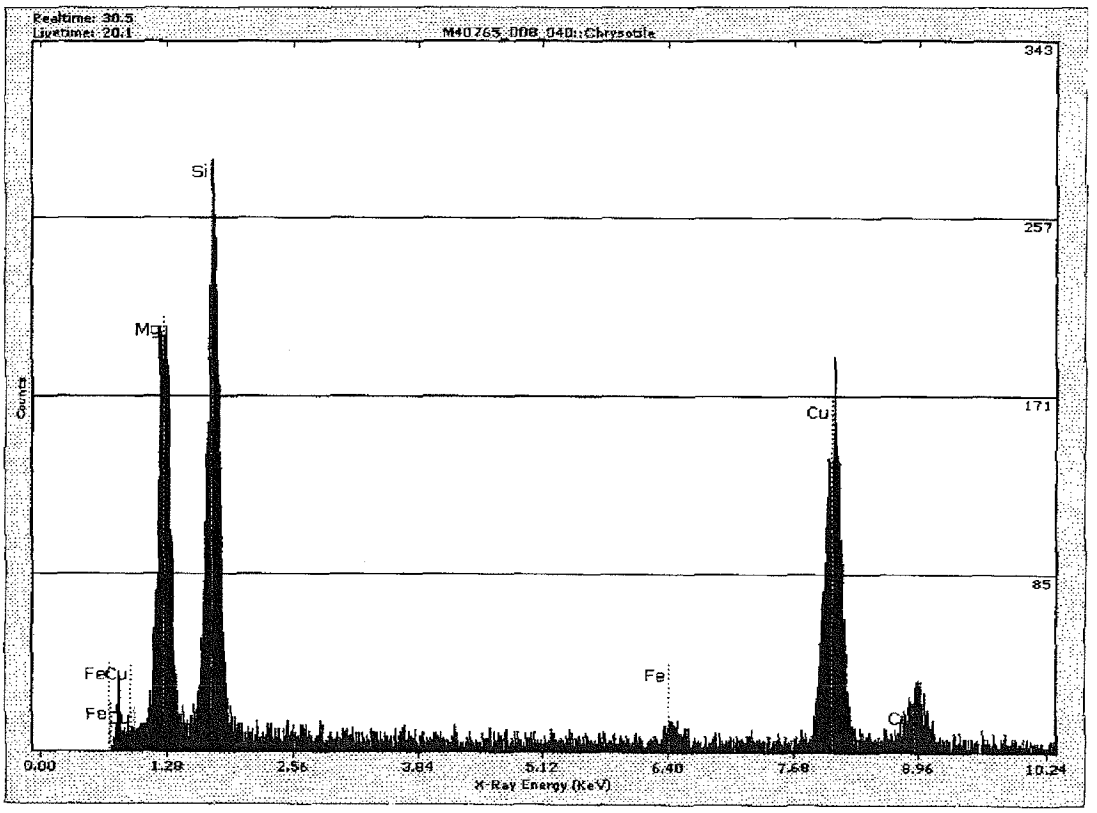

Realtime: 31.5
Livetime: 25.7
M40765_008_008::Chrysotile
Cl
87
65
Si
43
Counts
Mg
Ca
21
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

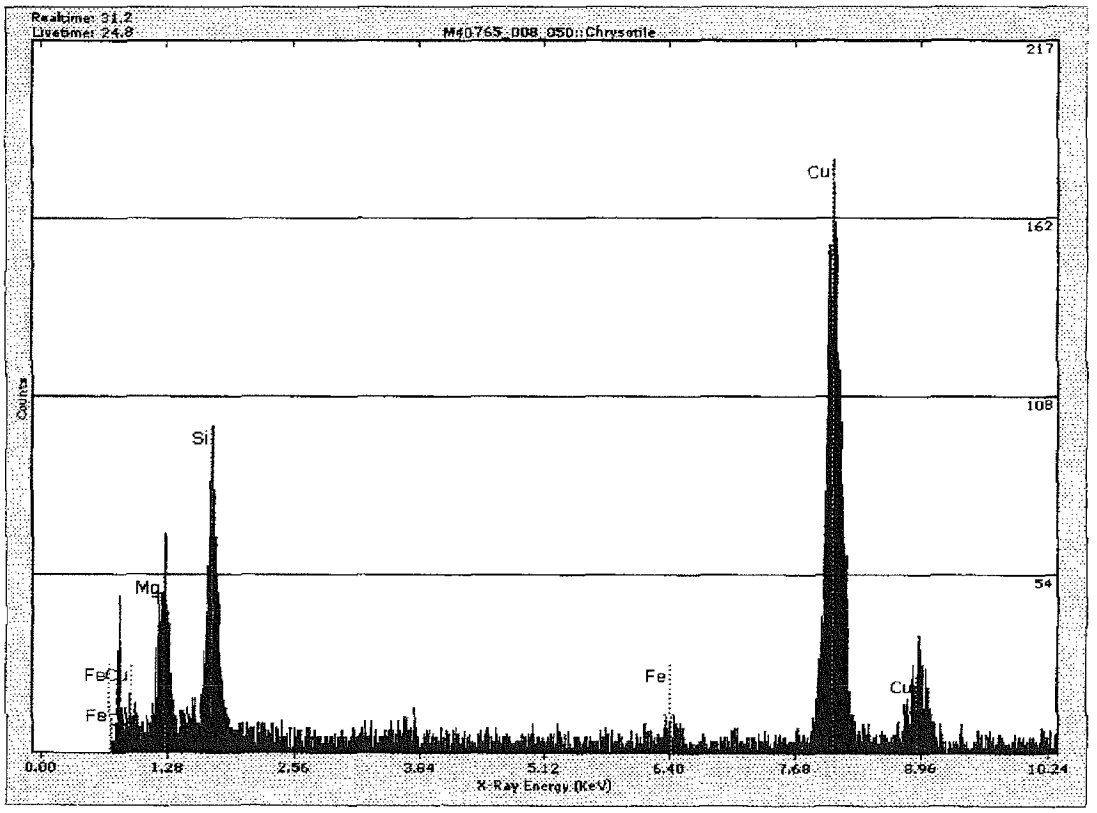

Realtime: 31.1
Livetime: 25.4
M40765_008_009 Chrysotile
Counts
59
44
29
14
Mg
Si
Cl
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

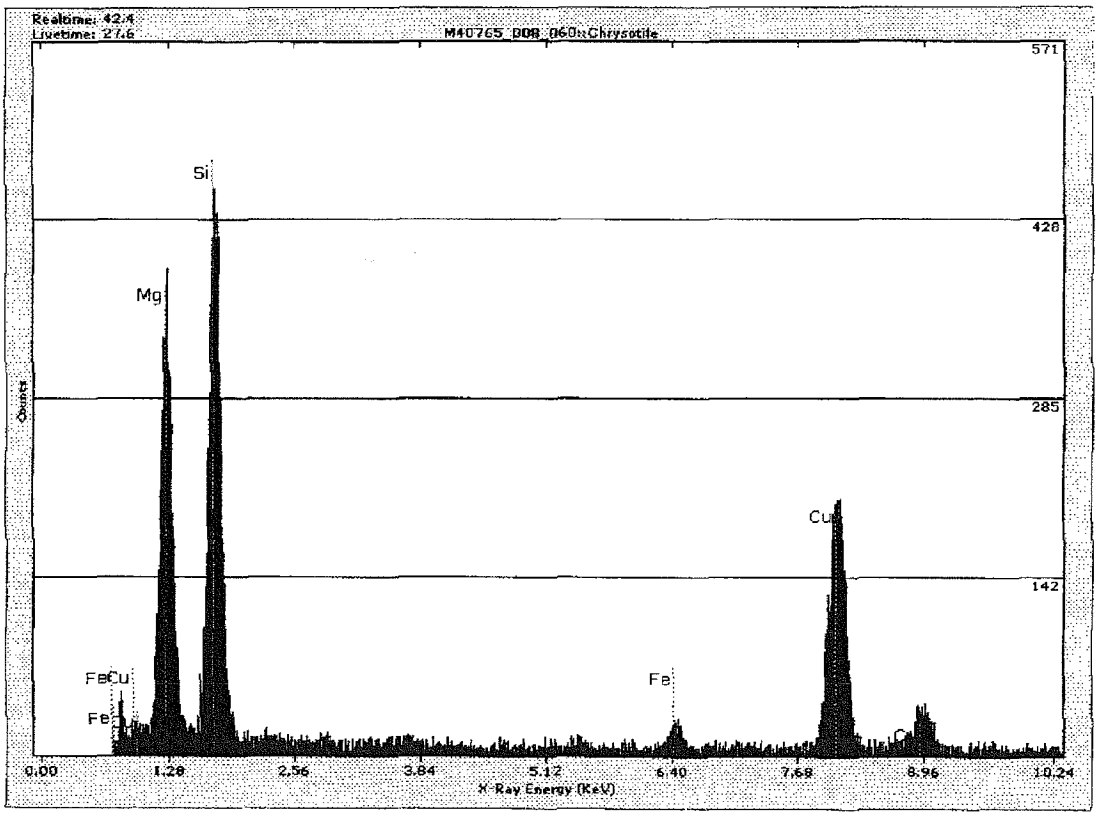

Realtime: 53.5
Livetime: 41.3
M40765_008_010::Chrysotile
Counts
109
82
54
27
Si
Mg
Cu
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (keV)

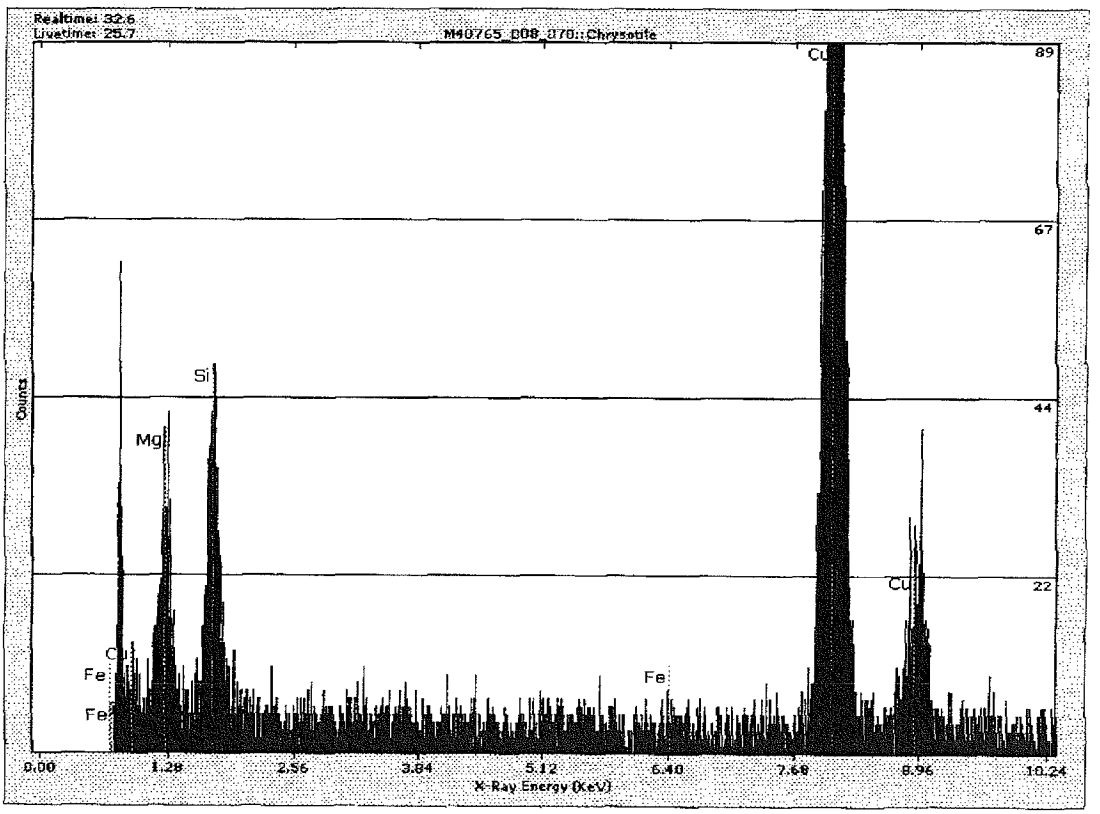

Realtime: 89.9
Livetime: 72.0
M40765_008_020::Chrysotile
Cu
229
171
Si
Mg
114
Counts
Cu
57
Cu
Cl
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

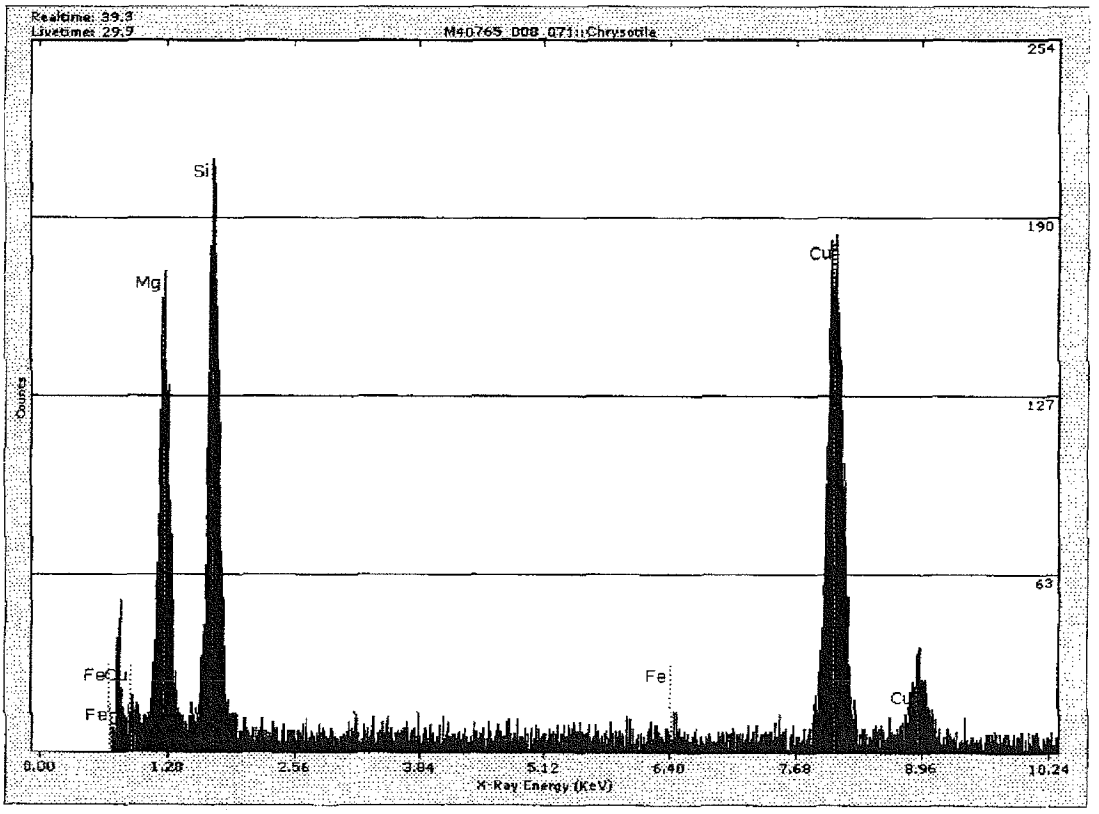

Realtime: 31.1
Livetime: 24.7
M40765_008_030:Chrysotile
Cl
Si
Mg
Ca
Cl
Cu
95
71
47
23
Counts
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)


Realtime: 30.5
Livetime: 20.1
M40765_008_040: Chrysotile
343
257
171
85
Counts
Si
Mg
Cu
Fe
FeCu
Fe
Ca
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)


Realtime: 31.2
Livetime: 24.8
M40765_008_050::Chrysotile
217
162
108
54
Counts
Cu
Si
Mg
Fe
Cu
Fe
Fe
Cu
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)


Realtime: 42.4
Livetime: 27.6
M40765_008_060:Chrysotile
571
428
285
142
Counts
Si
Mg
Cu
Fe
FeCu
Fe
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)


Realtime: 32.6
Livetime: 25.7
M40765_008_070::Chrysotile
Cu
89
67
44
22
Counts
Si
Mg
Cu
Fe
Fe
Fe
Cu
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (keV)


Realtime: 39.3
Livetime: 29.9
M40765_008_071::Chrysotile
254
190
127
63
Counts
Si
Mg
Cu
Fe
Cu
Fe
Fe
Cu
0.00
1.28
2.56
3.84
5.12
6.40
7.68
8.96
10.24
X-Ray Energy (KeV)

STATE OF OREGON
PASSIVE DUST SAMPLE LOG
SEPTEMBER 2006

Computing Center, University of Oregon; Eugene, Oregon
September 13, 2006

Sample Number	Sample Location/Description	Photograph Number	Results
COMP-18	1st floor, corridor outside room 193, RJ Lee passive dust sampler above ceiling	13 16:25B	

SEND RESULTS TO:

Compass Environmental, Inc.
1751 McCollum Parkway
Kennesaw. Georgia 30144
Telephone: (770) 499-7127
Facsimile: (770) 423-7402

PROJECT NAME: Dies & Hile - Oregon Bldg.
PROJECT NO.: 2026

CHAIN OF CUSTODY

SAMPLE NUMBER	SAMPLE NUMBER	SAMPLE NUMBER	SAMPLE NUMBER	SAMPLE NUMBER	SAMPLE NUMBER
Comp 18					

NAME OF ANALYTICAL LABORATORY: MAS

ACTION TAKEN ON SAMPLES	SIGNATURE	PRINT NAME	TITLE	DATE/TIME RECEIVED	DATE/TIME TRANSFERRED
Collected	William M. Ewing	William M. Ewing	Technical Director	9/13/06	10/5/06
Received	[signature]	[signature]	MAS	10/6/06	

rev. 01-02-92